

## Sewage Timeline Notes

Timeline and notes of activities related to sewer lines and wastewater treatment between City of Sulphur (City) and Chickasaw National Recreation Area (Park)

10/1912: Initial sewer was jointly funded by Park and City. The line ran from Artesian Hotel to Flower Park, across Rock Creek, then along the creek to 1,000 ft downstream of Bromide Springs.

1931: Joint Park-City treatment plant was constructed on the west bank of Rock Creek west of Chigger Hill. The main sewer line was extended to Cold Springs Campground and to the Veterans' Hospital.

08/01/1967: Contract with City and Park for sewage disposal.

- Park constructed a pressure main and stations to transport sewage from Arbuckle Recreation Area to City waste treatment plant. Park will maintain and operate the sewer line serving the park to the point of hook-up with the City line.
- City will provide disposal/treatment.
- Park will pay City \$75/month.

3/2/1983: Memo from Park to regional director regarding rehabilitation of sewer lines:

- City owns 14,000 ft of sewer line
- Park taps the City mains at 10 points, with 19,300 ft of Park-owned lines in the Platt District.
- City operates and maintains the sewage system which flows through many laterals and eventually to the main lines which are in the Park boundary. No special use permits exist on the (Platt District) portion of the sewer system.
- Public health is endangered because of the 75 year old deteriorated sewer system.
- Park has 9 comfort stations, Ranger Station, Nature Center, 3 (living?) quarters, and Maintenance Area.
- Park has never paid the City for sewage processing.

9/9/1983: Letter of agreement from City:

- Park will replace sewer lines in the park.
- City will be responsible for service and maintenance of the City's lines and laterals in the Park.
- Park will be responsible for the service and maintenance of its sewer lines within the boundaries of the park.
- City will grant the Park the right to use the City's sewer lines in the park hereafter without a fee or service charge.

1986-88: Completion reports for Travertine Creek Sewer System Rehabilitation Phase I and II. Park replaced about 30,000 ft of sewer lines at a cost of \$1,117,300 dollars:

Phase	Maintained by Park	Maintained by City	Maintained by Veterans Hospital	Total
1	\$186,377	\$416,291	\$35,255	\$637,924
2	\$278,366	\$50,524	\$150,484	\$479,376
Total	\$464,743	\$466,815	\$185,739	\$1,117,300

08/17/1990: Amended Right-of-Way for City drainage easement and storm water retention lagoon to include right-of-way for 2.5 acre drainage area. Agreement expired in 2000 without either party noticing.

3/23/2004: Memo from Bureau of Reclamation to the Files:

- City owns and operates a sewage treatment plant on the Rock Creek arm of the Lake of the Arbuckles. This treatment plant was operational prior to the construction of the Arbuckle Project and was discharging treated effluent into Rock Creek with the effluent flowing through the drainage area now inundated by the Lake. Around 1963-64, it was decided to construct a treated effluent pumping plant and pipeline to intercept the discharge of treated effluent from the treatment plant and pump it out of the Rock Creek drainage watershed and divert it west to the Dry Sandy Creek watershed. An intercepting lagoon, a pumping plant with 3 pumps, a 4-mile buried pipeline and surcharge, and about 4 miles of flowage easements were acquired and constructed by Reclamation.
- City is willing to take title to the facilities and to assume all O&M responsibilities.

11/19/2004: Contract and Grant of Perpetual Sewage Effluent Pipeline Easement, Temporary Pipeline Construction Easement, Perpetual Sewage Effluent Disposal Pumping Plant Easement, and Perpetual waste Area Easement with Sulphur Municipal Authority and Bureau of Reclamation.

04/2009: Environmental Information Document: Wastewater Treatment Improvements for the City of Sulphur and Sulphur Public Works Authority by Myers Engineering:

- The City is under consent order from ODEQ regarding overflows in the collection system and the high inflow into the wastewater treatment facility.
- The City has an 18-inch concrete force main, which was installed around 1963, that is need of replacement.
- The purpose of the proposed project is to upgrade and expand the capacity of the wastewater treatment facility, replace the existing 18-inch force main, and extend the discharge point on Dry Sandy Creek to a place closer to the Washita River.

11/13/2009: Environmental Assessment for CWSRF Wastewater Project ORF-09-0030-CW

11/13/2009: Finding of No Significant Impact (FONSI) issued by OWRB

05/2010: Right-of-Way agreement for the drainage area and storm-water retention lagoon connected with the City's wastewater treatment plant. This agreement replaces the 1990 ROW agreement.

03/14/2011: Right-of-Way agreement that authorizes City to temporarily use and occupy federally owned land under this permit until the City has satisfactorily completed remediation pursuant to the terms of the OWRB Loan agreement for Clean Water SRF. Until terms of Loan agreement are met, the City will allow the Park to discharge water or wastewater, without charge, into the City's wastewater treatment system.

03/27/2013: Superintendent, other park staff, and Public Health Service officer Joe Winkelmaier participated in a final "walk through" of the lagoon abandonment project site with Sulphur City Manager Bill Holley, construction project manager Larry Sloan, and several other people. At that time, NPS informed Mr. Holley that the lagoon abandonment project appeared to have been completed in acceptable fashion, but the City still needed to provide NPS with the proper "certification from a licensed engineer". Mr. Holley stated that he would contact Myers Engineering and get a copy of that certification for the NPS.

04/13/14: After finally receiving notification that William E. Myers, P.E. had contacted Pedro Grijalva of Oklahoma DEQ with official confirmation that the lagoon abandonment project had been completed, the Superintendent affirmed that the “Mitigation Measures” included in Exhibit H of the City’s loan agreement with the Oklahoma Water Resources Board had been finalized to the satisfaction of the park. Thus, Right of Way Permit number RW-7510-11-001 signed by the park and the City on March 14, 2011 was terminated as per the terms of that permit.